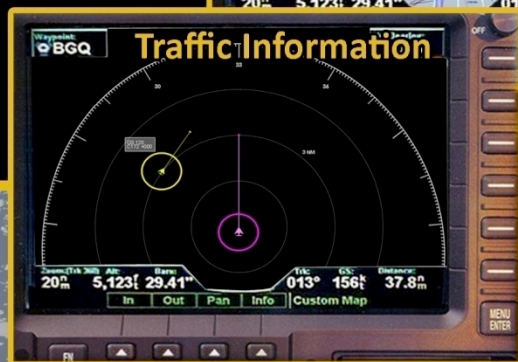


Key Site **MIAMI**
SERVICE VOLUME



ADS-B

AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST



Miami Service Volume

Infrastructure <ul style="list-style-type: none"> 11 ADS-B radio stations: Lakeland Linder Regional Airport, Hardee, Okeechobee, Dade-Collier Airport, Key West, St. Cloud, Sebastian Municipal Airport, Hobe Sound, Boca Raton Airport, Homestead Dade Marina, and Florida Keys Marathon Airport 	Service Volumes – En Route <ul style="list-style-type: none"> Miami en route airspace <ul style="list-style-type: none"> Floor of existing radar coverage and minimum en route altitude Ceiling of 60,000 ft. (requirement under review for FIS-B)
Services <ul style="list-style-type: none"> Traffic Information Broadcast Services (TIS-B) Flight Information Broadcast Services (FIS-B) 	Service Delivery <ul style="list-style-type: none"> Delivery of TIS-B and FIS-B to aircraft equipped with ADS-B avionics and a multi-function display Aircraft receiving TIS-B must be equipped with ADS-B 'Out' and 'In'; FIS-B requires ADS-B 'In' Surveillance and Broadcast Services monitor receives service status reports and equipment status reports, as well as ADS-B, TIS-B and FIS-B data FAA monitoring at the William J. Hughes Technical Center and the Aeronautical Center. Service certification is at the service delivery point for each automation platform
Applications <ul style="list-style-type: none"> Enhanced visual acquisition Weather and NAS situational awareness Free FIS-B Products <ul style="list-style-type: none"> AIRMET: Airmen's Meteorological Information Convective SIGMET: Convective Significant Meteorological Information SIGMET: Significant Meteorological Information METAR: Aviation Routine Weather Report SPECI: Special METAR National NEXRAD: Continental U.S. Next Generation Radar Regional NEXRAD: Regional Next Generation Radar D-NOTAM: Distant Notice to Airmen FDC-NOTAM: Flight Data Center Notice to Airmen PIREP: Pilot Reports SUA: Status of Special Use Airspace TAF: Terminal Aeronautical Forecast AMEND: Amended TAF Winds & Temperature Aloft: computer prepared forecasts of winds and temperature aloft TIS-B Service Status: Provides periodic status of TIS-B services via FIS-B Universal Access Transceiver 	Benefits <ul style="list-style-type: none"> FIS-B / TIS-B <ul style="list-style-type: none"> Reduce risk of midair collisions Reduce risk of weather-related accidents More efficient routes in adverse weather Improved situational awareness

